ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD				· · · · · · · · · · · · · · · · · · ·		ECN #:	1
Date: () 5-11-16						748	1
Project No: py12-742			Created B	у: ДН	Checked By:		1
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412 FLOAT SKIDTURE			(Proj. Mar		(Management if reqd)	NA	1
Description of Change:			· · · · · · · · · · · · · · · · · · ·		<u> </u>		1
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D3417, ROVC							
03460, Rev A							
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October 18, 2005

Ms Jean Newton Aircraft Certification Office ANM-100S 1601 Lind Ave. SE Renton, WA 98055 Ph: 425-917-6406

REFERENCE ONLY

Dear Jean.

Re: Updates to STC SR01583SE for D412-742 Float Skidtube Installations

We have made the following drawing changes to this design

a) Stainless steel washers have been added underneath the bolt heads and the nuts to prevent deformation of the plastic washers that isolate the stainless steel hardware from the aluminum skidtube.

b) Two additional sets of inserts have been added to the D412-742-011 skidtube design so that it is compatible with both the OEM/PMA and Apical Tribag float systems.

c) Drawing D3391 (see D3391 Rev. C) has been updated to increase the length of the D3391-015/-025 aft extensions that are inside the middle part of the skidtube to reduce localized loading in the middle part of the skidtube. By inspection, this change reduces stress levels over the existing approved design.

d) A large stainless steel washer (see D3456 Rev. A) was added to the tow ring installation. The length of the tow ring (see D3407 Rev. C) was adjusted accordingly and the D3417-3 plastic spacers were re-designed (see D3417 Rev. C).

e) The fwd and aft wearplates have been re-designed with a joggle to improve the fit between the skidtube and the wearplates at the transition between the mid tube and the fwd/aft extensions. These parts are reflected on drawing D3460 Rev. A.

The following data has been submitted in support of these changes:

a) 8110-3 signed by DER Dave McClenahan

b) Master Document List MDL-D412-742 Rev. C

Installation Instructions IIN-D412-742 Rev. B

- ECN #745 Instructions for Continued Airworthiness ICA-D412-742 Rev. 1

Drawing D3391 Rev. C

f) Drawing D3407 Rev. C

Drawing D3417 Rev. C g)

Drawing D3456 Rev. A

- ECN #736

Drawing D3460 Rev. A

Yours Truly.

DART AEROSPACE USA, Inc.

David Shepherd Design Engineer